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2SB114  
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# OFFICIAL JOURNAL OF THE PLANT VARIETY PROTECTION OFFICE



## PREFACE

The Plant Variety Protection Act, (7 U.S.C. 2321 et. seq.) authorizes the Secretary of Agriculture to publish an Official Journal and to provide the public with pertinent information relating to the operations of the Plant Variety Protection Office.

The statute also authorizes the Secretary to disseminate technological and other information available to the Office that would encourage innovation and promote progress in plant breeding.

The Official Journal, which is published quarterly, includes instructions issued by the Office and related information. It will be sent free to anyone on request. Send requests to:

Plant Variety Protection Office  
Grain Division, AMS  
U. S. Department of Agriculture  
6525 Belcrest Road  
Hyattsville, MD 20782

This issue covers the period from April 1 through June 30, 1975.

## CONTENTS

	Page
Applications received.....	4
Amendments.....	5
Certificates Issued.....	5
General Information.....	13

APPLICATIONS RECEIVED

<u>Application No.</u>	<u>Date</u>	<u>Name of applicant(s)</u>	<u>Name of kind</u>	<u>Name of variety (or designation)</u>
**7500079	4/14/75	Northrup, King and Company	barley	Kombar (3)
**7500080	"	Shallow Water Grain, Inc.	wheat	Dual III (2)
7500081	4/15/75	Agripco, Incorporated	soybean	CFS 2000
**7500082	"	Seed Research Association	wheat	Plainsman V (2)
**7500083	3/15/75	Saatzucht Steinach	perennial rye- grass	Loretta (1)
**7500084	4/21/75	Lockett Seed Company	cotton	Lockett 77 (3)
**7500085	5/8/75	Northrup, King and Company	soybean	S 1346 (3)
**7500086	"	" "	soybean	S 1244 (3)
**7500087	"	" "	soybean	B 216 (3)
**7500088	"	" "	soybean	B 186 (3)
7500089	5/19/75	Delta and Pine Land Company	cotton	Deltapine SR-4
7500090	5/20/75	Canners Seed Corporation	pea	#8617 Early Perfection
7500091	"	" "	pea	#8615 Early Perfection
7500092	"	" "	pea	#9021 Early Perfection
**7500093	5/21/75	Purdue University A.E.S.	oat	Allen (3)
7500094	5/22/75	Florida Foundation Seed Producers, Inc.	corn	Florida 56
7500095	"	" "	corn	Florida 32
7500096	6/2/75	Keystone Seed Company	bean	2320
**7500097	5/30/75	Soil Fertility Dunns, Ltd.	Italian rye- grass	Delecta (1)
7500098	5/19/75	Triangle Seed Growers, Inc.	wheat	Tri-Guard 6
7500099	"	" "	wheat	Tri-Guard 8
7500100	6/23/75	(Permission to publish not rec'd)	alfalfa	Apollo
**7500101	"	(Permission to publish not rec'd)	alfalfa	Ladak 75 A-1(1)
**7500102	6/25/75	Stoneville Pedigreed Seed Company	cotton	Stoneville 246 (3)
7500103	6/30/75	Delta and Pine Land Company	cotton	Deltapine 55
7500104	"	Canners Seed Corporation	pea	#8221 Early Perfection

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# AMENDMENTS

<u>Application No.</u>	<u>Date</u>	<u>Name of applicant(s)</u>	<u>Name of kind</u>	<u>Name of variety (or designation)</u>
**7400065	2/19/74	Cornell A.E.S.	alfalfa	Honeoye (2)
7500047	1/21/75	Waller Flowerseed Company	nasturtium	Whirlybird
7500048	"	"	"	Cherry Rose
				Whirlybird Gold

## CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIMS

<u>Certificate No.</u>	<u>Issue date</u>	<u>Owner</u>	<u>Name of kind</u>	<u>Name of variety</u>
7100009	April 8, 1975	W. Atlee Burpee Company	verbena	Ruffled White
				'Ruffled White' most closely resembles 'Snow White.' The floret petals of 'Snow White' are single and plain; whereas, the floret petals of 'Ruffled White' are ruffled and semi-double.
7100088	April 8, 1975	W. Atlee Burpee Company	verbena	Ruffled Pink
				'Ruffled Pink' most closely resembles 'Salmon Queen' in color, general vigor, stem strength and growth habit. The ruffled pink florets of 'Ruffled Pink' distinguishes it from all other verbena varieties.
**7200037	April 8, 1975	McNair Seed Company	wheat	McNair 4823 (3)

'McNair 4823' most closely resembles 'Arthur' wheat when grown in North Carolina. At maturity 'McNair 4823' is 6-8 days later heading, 6-12 cm. shorter and has smaller kernels (25 vs. 35 g/mk) than 'Arthur.' In the Midwest the difference in heading date between these two varieties is 2-3 days.

\*\*7200055 April 8, 1975 Ben Fish and Son lima bean Mendoza

'Mendoza' most closely resembles 'Early Thorogreen' but 'Mendoza' has a whitish-green wrinkled seed-coat as opposed to the white smooth seed of 'Early Thorogreen.'

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*7200102	April 8, 1975	Nebraska A.E.S.	wheat	Centurk (3)
'Centurk' is most similar to 'Scout 66' except 'Centurk' is approximately 2 cm. shorter in plant height, heads 2 days later and is moderately resistant to leaf rust; whereas, 'Scout 66' is susceptible.				
*7300045	April 8, 1975	Ben Fish and Son	lima bean	Bush Florida Butter
'Bush Florida Butter' most closely resembles 'Jackson Wonder' in plant type but differs in seed characters, which most closely resemble those of 'Florida Butter Pole.'				
7300065	April 8, 1975	Peterson Seed Division Pioneer Hi-Bred International, Inc.	soybean	Peterson 85
'Peterson 85' most closely resembles the variety 'Wirth'; however, 'Peterson 85' has gray plant pubescence, tan pod, buff hilum and dull seedcoat; whereas, 'Wirth' has tawny plant pubescence, brown pod, black hilum, and shiny seedcoat.				
7400010	April 8, 1975	Quali-Sel, Inc.	lettuce	Red Coach 74
'Red Coach 74' most closely resembles 'Vanguard' but matures 3-5 days earlier and is adapted to mid-winter harvest in Southwestern U.S. while 'Vanguard' is not.				
7400048	April 8, 1975	Goldsmith Seeds, Inc.	marigold	Aztec Orange
'Aztec Orange' is most similar to 'Aztec Gold' and 'Aztec Yellow.' These varieties differ in flower color. 'Aztec Orange' differs from all other marigolds on the basis of a combination of the following characteristics: (1) earlier flowering than 'Spun Gold,' (2) growth habit and shape similar to 'Spun Gold,' (3) flower heads carnation-type but with full-crested centers typical of the chrysanthemum-type, and (4) foliage is lighter in color than 'Spun Gold.'				
7400049	April 8, 1975	Goldsmith Seeds, Inc.	marigold	Aztec Gold
'Aztec Gold' is most similar to 'Aztec Yellow' and 'Aztec Orange.' These varieties differ in flower color. 'Aztec Gold' differs from all other marigolds on the basis of a combination of the following characteristics: (1) earlier flowering than 'Spun Gold,' (2) growth habit and shape similar to 'Spun Gold,' (3) flower heads carnation-type but with full-crested centers typical of the chrysanthemum-type, and (4) foliage is lighter in color than 'Spun Gold.'				

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7400050	April 8, 1975	Goldsmith Seeds, Inc.	marigold	Aztec Yellow
'Aztec Yellow' is most similar to 'Aztec Gold' and 'Aztec Orange.' These varieties differ in flower color. 'Aztec Yellow' differs from all other marigolds on the basis of a combination of the following characteristics: (1) earlier flowering than 'Spun Gold,' (2) growth habit and shape similar to 'Spun Gold,' (3) flower heads carnation-type but with full-crested centers typical of the chrysanthemum-type, and (4) foliage is lighter in color than 'Spun Gold.'				
7400085	April 8, 1975	Asgrow Seed Company	pea	Abador
'Abador' most closely resembles 'Mini' but has dark green, wrinkled, freezer-type peas while 'Mini' has light green, smooth, canner-type peas.				
**7400096	April 8, 1975	Dunn Seed Farms, Inc.	cotton	Dunn 120(2)
'Dunn 120' most closely resembles 'Dunn 119' except 'Dunn 120' is 5-10 cm. taller, less determinate, has glabrous leaves, has .08 shorter and 10,000 PSI weaker fiber.				
7100025	April 18, 1975	Asgrow Seed Company	bean	Rodeo
'Rodeo' most closely resembles 'Wondergreen' and 'Apollo.' 'Rodeo' differs from 'Wondergreen' since 'Rodeo' seeds are white; whereas, 'Wondergreen' seeds are buff colored. 'Rodeo' differs from 'Apollo' by being 4 days earlier in maturity and by having smaller seeds (28 vs. 31 g/100 seeds).				
**7200045	April 18, 1975	Texas A.E.S.	cotton	Tamcot SP23 (3)
'Tamcot SP23' is most similar to 'Lankart 57' but 'Tamcot SP23' is resistant to seven bacterial blight races, is more pubescent, has a less storm resistant and smaller boll (5.03 vs. 6.67 gs.), fiber is longer (1.06 vs. .99 inches), stronger (92,000 vs. 81,000 PSI), and finer (4.2 vs. 5.1 micronaire).				
7400030	April 18, 1975	W. Atlee Burpee Company	California poppy	Ballerina Yellow
'Ballerina Yellow' most closely resembles the 'Mission Bells' type but is 5 cm. shorter, more ruffled and has a higher percentage of doubling.				
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**7400087	April 18, 1975	World Seeds, Inc.	wheat	Profit 75 (3)
'Profit 75' is most similar to 'Red River 68.' 'Profit 75' has a waxy bloom, recurved flag leaf, oblong spike, and wide glumes with square to elevated shoulders. 'Red River 68' has no waxy bloom, erect flag leaf, fusiform spike, and midwide glumes with oblong shoulders.				
**7400105	April 18, 1975	Minnesota A.E.S.	soybean	Evans (3)
'Evans' is most similar to 'Merit;' however, 'Evans' has seeds that are 8 percent larger than seeds of 'Merit' and seeds of 'Evans' have yellow hila; whereas, seeds of 'Merit' have buff hila.				
**7400106	April 18, 1975	Minnesota A.E.S.	soybean	Hodgson (3)
'Hodgson' is most similar to 'Corsoy;' however, 'Hodgson' matures 8 to 10 days earlier and seeds of 'Hodgson' have buff hila' whereas, seeds of 'Corsoy' have yellow hila.				
7200005	May 1, 1975	Denholm Seeds	nasturtium	Primrose Jewel
'Primrose Jewel' is a 'Jewel' type with primrose colored flowers.				
**7200046	May 1, 1975	Texas A.E.S.	cotton	Tamcot SP37 (3)
'Tamcot SP37' is most similar to 'Stoneville 213' but 'Tamcot SP37' has a high resistance to seven bacterial blight races, has delay-kill resistance to <u>Phymatotrichum</u> root rot, has storm resistant bolls.				
**7300057	May 1, 1975	Stoneville Pedigreed Seed Company	cotton	Stoneville 603
'Stoneville 603' most closely resembles 'Stoneville 213' except 'Stoneville 603' is resistant to fusarium wilt, is less tolerant to verticillium wilt, leaves are more deeply lobed and are cupped vs. non-cupped, lint percent is 2.0 percent lower (35.1-37.3 vs. 37.7-39.1) and micronaire is 0.5 lower (4.7-5.2 vs. 5.3-5.6) than is 'Stoneville 213.'				

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7300095	May 1, 1975	Pure Line Seeds, Inc.	pea	Aspen
'Aspen' most closely resembles 'Dark Skin Perfection' but 'Aspen' is resistant to pea enation mosaic and powdery mildew and is tolerant to western pea streak.				
7400038	May 1, 1975	Bryco Plant Research Division	soybean	Brysoy 9
'Brysoy 9' most closely resembles 'Pickett 71;' however, 'Brysoy 9' has larger leaves, longer petioles, and larger seeds than 'Pickett 71.'				
7400084	May 1, 1975	Asgrow Seed Company	pea	Ivy
'Ivy' most closely resembles 'Puget' but 'Ivy' matures 3 days later and has peas more than one sieve size smaller.				
**7500006	May 1, 1975	McNair Seed Company	wheat	McNair 1813 (3)
'McNair 1813' most closely resembles 'McNair 701' but 'McNair 1813' differs by having blue-green versus yellow-green foliage.				
7500031	May 1, 1975	Asgrow Seed Company	pea	Dash
'Dash' most closely resembles 'Sprite' but 'Dash' is 10 cm. taller, matures 2 days later and has an average sieve size of 3.68 at 105 TDR compared with 4.00 at 94 TDR for 'Sprite.'				
7100079	June 27, 1975	W. Atlee Burpee Company	calendula	Golden Gem
'Golden Gem' most closely resembles 'Orange Gem;' however, these varieties differ in flower color as indicated in the variety names.				
7200007	June 27, 1975	Denholm Seeds	nasturtium	Orange Jewel
'Orange Jewel' is a 'Jewel' type with orange colored flowers.				

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7200042	June 27, 1975	Delta and Pine Land Company	cotton	Deltapine SR-1
'Deltapine SR-1' most closely resembles 'Lankart 57.' 'Deltapine SR-1' differs from 'Lankart 57' in having a lower lint percent (24.5 vs. 25.3), stronger (25.7 vs. 19.1 gf/tex) and longer fiber (1.08 vs. 1.02 inches), and matures 2 days later.				
7200043	June 27, 1975	Delta and Pine Land Company	cotton	Deltapine SR-2
'Deltapine SR-2' most closely resembles 'Lankart 57.' 'Deltapine SR-2' differs from 'Lankart 57' in having a longer (1.09 vs. 1.02 inches) and stronger fiber (24.8 vs. 19.1 gf/tex), bolls are more storm resistant, and matures 8 days earlier.				
7200122	June 27, 1975	Ferry-Morse Seed Company	sweetpea	Jet-Set Killarney
'Jet-Set Killarney' most closely resembles 'Knee-Hi San Francisco,' from which it differs by having 3.8-5.1 cm. longer flower stems and 6-13 mm. wider flowers.				
**7300089	June 27, 1975	Bobshaw Pedigreed Seed Company	cotton	Dixie King III (2)
'Dixie King III' resembles 'Dixie King II' but 'Dixie King III' matures 4 days earlier, has a smaller boll (6.87 vs. 7.70 gs), higher lint percent (38.2 vs. 37.7 percent), has stronger (23.4 vs. 22.5 qf/tex) and longer fiber (1.09 vs. 1.07 inches).				
7400032	June 27, 1975	W. Atlee Burpee Company	calendula	Orange Gem
'Orange Gem' most closely resembles 'Muraji.' Compared to 'Muraji,' 'Orange Gem' flowers are 13 mm. smaller in diameter and are double rather than semi-double; 'Orange Gem' plants are 5 cm. shorter with leaves noticeably wider; and plants are more upright, less spreading than those of 'Muraji.'				

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**7500010	June 27, 1975	Funk Seeds International, A Company of Ciba-Geigy Corporation	wheat	W-504 (3)
'W-504' is most similar to 'Monon' but 'W-504' is resistant to Hessian fly race E and wheat spindle streak mosaic. 'Monon' is susceptible.				
7500025	June 27, 1975	W. Atlee Burpee Company	China aster	Red Mound
'Red Mound' most closely resembles 'Burpee's Early Bird' in growth habit but is 10 cm. shorter and has much stronger stems.				
**7500028	June 27, 1975	J. H. Lambright	cotton	Lambright GL-N (3)
'Lambright GL-N' is most similar to its one parent, 'Lambright 123-BR-1,' except 'Lambright GL-N' is nectariless and glandless, has 0.10 inch longer lint (1.06 vs. .96), 0.5 higher micronaire (4.0 vs. 3.5), and has 10,500 PSI stronger fiber (85,000 vs. 74,500) than 'Lambright 123-BR-1.'				
**7500029	June 27, 1975	J. H. Lambright	cotton	Lambright GL-5 (3)
'Lambright GL-5' is most similar to its one parent, 'Lambright X-15-5,' except 'Lambright GL-5' is glandless, is more determinate, has a 3 percent higher lint percent, 5 unit higher Uniformity Index (49 vs. 44), and has .04 inch shorter lint (1.09 vs. 1.13) than 'Lambright X-15-5.'				
**7400009	June 30, 1975	Northrup, King and Company	wheat	Produra (3)

'Produra' differs from all semi-dwarf durum wheats, except 'Jori C-69,' by having dark awns and pubescent glumes. 'Produra' has light tan glumes and heads 10 days earlier than 'Jori C-69' which has white glumes.

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7400076	June 30, 1975	Rice Researchers, Inc.	rice	Ampec
'Ampec' most closely resembles 'Caloro' but 'Ampec' has a glutinous endosperm; whereas, 'Caloro' has a non-waxy endosperm and grain is 15 percent smaller than 'Caloro' (25.6 vs. 30.2 gms/1000 for rough grains).				
**7500005	June 30, 1975	Northrup, King and Company	wheat	Prodax (3)
'Prodax' is most similar to 'Cajeme.' However, 'Prodax' is from 4 to 16 cm. taller than 'Cajeme.'				
'Prodax' takes 3 to 5 days longer to mature.				
**7500033	June 30, 1975	Northrup, King and Company	wheat	Probred (3)
'Probred' is most similar to 'Cajeme.' 'Probred' has narrow green leaves and elliptical kernels which are 0.5-1.0 mm. longer than those of 'Cajeme.' 'Cajeme' has wide bluegreen leaves and ovate kernels.				

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## GENERAL INFORMATION

### PV STATISTICS

As of July 1, 1975, the Plant Variety Protection Office had received 574 applications for protection of which 52 were from experiment stations and 49 were from foreign sources. A total of 208 certificates of protection had been issued to 60 different applicants. Ninety-four applications have been abandoned and 272 applications were pending action. Sixty-seven percent of the applications received on agricultural seed varieties specified that the variety was to be sold by variety name only as a class of certified seed. During the past fiscal year 110 applications were received and 105 certificates were issued.

### VISITORS

As indicated in the last issue of the Official Journal, a mission from the International Union for the Protection of New Varieties of Plants (UPOV) will be in the U.S. from September 2-12 visiting breeding firms and experiment stations in the midwest and north-east and the Patent Office and PV in Washington and Beltsville, respectively. Members of the mission include B. Laclaviere, (Secretary-General of the French Committee for the Protection of Plant Breeders Rights and President of the UPOV Council), D. Boringer (President of the Plant Variety Office of the Federal Republic of Germany), J.I.C. Butler (Chairman of the Netherlands Board of Plant Breeders Rights), A.F. Kelly (Deputy Director of the British National Institute for Agricultural Botany), C. Hutin, (Director of Research in the French Institute national de le Recherche agronomique, G.E.V.E.S.), H. Skov (former Vice Secretary-General of UPOV and now with the Danish Ministry of Agriculture), A. Bogsch (Secretary-General of UPOV) and U. Mast (Vice Secretary-General of UPOV).

### TRAVEL

The Commissioner spent two weeks as a consultant in Brazil, July 27-August 9, conducting seminars and assisting the Brazilian government officials in drafting a plant variety protection law. While there, it was learned that Argentine and Chile already have plant variety protection laws that have not been implemented. In listing the countries that have such laws during one of the seminars, we listed almost 25 countries.

### MEETING

The annual UPOV Council meeting is October 7-10 in Geneva, Switzerland. Since there will be a report of the UPOV mission to the U.S. and a report from the Committee of Experts on the Interpretation and Revision of the Convention, the Commissioner plans to attend.







UNITED STATES  
DEPARTMENT OF AGRICULTURE  
Agricultural Marketing Service  
Grain Division, Plant Variety Protection Office  
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Hyattsville, Maryland 20782

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